

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Frederick A. Ware

Group Art Unit: 2181

Appln. No.: 09/770,996

Examiner: Khanh Dang

Filed: January 25, 2001

For: METHOD AND APPARATUS FOR
SIMULTANEOUS BIDIRECTIONAL
SIGNALING IN A BUS TOPOLOGY

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OCT 23 2003

Technology Center 2100

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY AND/OR AUTHORIZATION OF AGENT BY ASSIGNEE
UNDER 37 CFR §§ 1.36, 3.71, AND 3.73

Sir:

Under the provisions of 37 C.F.R. §§ 1.36, 3.71, and 3.73, Rambus, Inc., the assignee of the entire right, title, and interest in the above-referenced patent application and/or patent by virtue of the assignment (check as applicable):

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Copy Attached

hereby elects to conduct the prosecution of the above-referenced patent application and/or the maintenance of the above-referenced patent to the exclusion of the inventor(s) and/or any previous assignee(s).

The assignee also hereby revokes any previous powers of attorney and/or authorizations of agent, and hereby appoints the following: Thomas E. Anderson, Reg. No. 37,063; Stanislaus Aksman, Reg. No. 28,562; Jennifer A. Albert, Reg. No. 32,012; David E. Baker, Reg. No. 42,285; Carl L. Benson, Reg. No. 38,378; Christopher C. Campbell, Reg. No. 37,291; Robin C. Clark, Reg. No. 40,956; Patrick A. Doody, Reg. No. 35,022; Kevin T. Duncan, Reg. No. 41,495; Ozzie Farres, Reg. No. 43,606; Nancy

Flint, Reg. No., 46,704; Christopher J. Forstner, Reg. No. 46,049; Nancy J. Jensen, Reg. No. 45,913; Herbert V. Kerner, Reg. No. 42,721; Jonathan D. Link, Reg. No. 41,548; J. Michael Martinez, Reg. No. 31,178; David H. Milligan, Reg. No. 42,893; James R. Miner, Reg. No. 40,444; Andrew J. Ririe, Reg. No. 45,597; Robert M. Schulman, Reg. No. 31,196; Thomas J. Scott, Jr., Reg. No. 27,836; 647; Yisun Song, Reg. No. 44,487; and Scott F. Yarnell, Reg. No. 45,245, all of Hunton & Williams LLP, 1900 K Street, Washington, D.C. 20006-1109; Kent R. Richardson; Registration No. 39,443; Paul M. Anderson, Registration No. 39,896; Paula J. Tostado, Registration No. 40,691; and Jose G. Moniz, Registration No. 50,192; and any and all other attorneys/agents associated with Customer No. 38013, as my attorneys/agents, with full power of substitution and revocation, to prosecute the above-referenced patent application and/or maintain the above-referenced patent, and any provisionals, continuations, continuations-in-part, divisionals, reissues, substitutions, re-examinations, and extensions thereof, to transact all business in the United States Patent and Trademark Office in connection therewith, to appoint any individuals under an associate power of attorney, and to file and prosecute any national or international patent applications based thereon before any national or international authorities.

The assignee also hereby requests that all future communications in connection with the above-referenced patent application and/or patent be directed to:

Thomas E. Anderson
Hunton & Williams LLP
1900 K Street, N.W.
Washington, D.C. 20006-1109
Telephone: (202) 955-1500
Facsimile: (202) 778-2201
Customer No. 38013

The undersigned is authorized to act on behalf of the assignee.

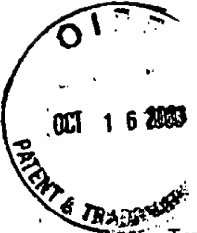
Respectfully submitted,

RAMBUS, INC.

Date: Oct 9, 2003

Sign Name: [Signature] Reg. No. 50,192
Print Name: Jose G. Moniz
Print Title: Technical Specialist

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Patent Application
Attorney Docket No.: 57941.000035
Client Reference No.: RA198P.US

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SUBMISSION OF POWER OF ATTORNEY AND/OR AUTHORIZATION OF AGENT BY
ASSIGNEE UNDER 37 CFR § § 1.36, 3.71, AND 3.73

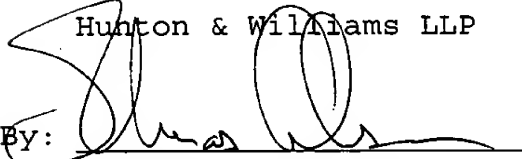
Sir:

Applicant hereby submits a Power Of Attorney And/Or
Authorization Of Agent By Assignee Under 37 CFR § § 1.36, 3.71,
And 3.73 for the above-identified patent application.

Please charge any shortage in fees due in connection with
the filing of this communication to Deposit Account No. 50-0206,
and please credit any excess fees to such deposit account.

Patent Application
Attorney Docket No.: 57941.000035
Client Reference No.: RA198P.US

Respectfully submitted,

Hunton & Williams LLP

By: _____
Thomas E. Anderson
Registration No. 37,063

TEA/vrp

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Date: October 16, 2003